

What is Claimed:

1. A convection oven comprising:
an insulated housing having rear and side wall and an access door in a front wall, said housing defining a cooking cavity;
5 a squirrel cage fan mounted within said cavity adjacent a wall of said housing, said fan having an internal concave plate on a side thereof adjacent said wall, said plate being disposed coaxially with said plate and having a plurality of holes therethrough,
a baffle plate mounted within said cavity parallel to, and spaced away
10 from, the wall mounting said fan said baffle plate having a central opening registering on said fan, said fan being disposed between said plate and said housing wall; and
electrical coil heat means surrounding said fan and disposed between said plate and wall for heating air expelled radially by said fan.
2. The oven of Claim 1 wherein said mounting wall is the back wall of said
15 housing.
3. The oven of Claim 2 wherein the opening in said baffle plate is covered by mesh.
4. The oven of Claim 3 wherein the opening in said baffle plate is circular and has a diameter substantially the same as that of said concave plate.
- 20 5. The oven of Claim 1 wherein said heat means is circular.
6. The oven of Claim 5 wherein said heat means is a plurality of circular resistance elements.

7. The oven of Claim 6 wherein three of said elements are provided, each having a different diameter.

8. The oven of Claim 7 wherein each element is spaced a different distance from said housing wall whereby air expelled by said fan will pas through said elements.